

Abstract

- Figure 1: Special embodiment of the reactor as employed in the Example.
- Figure 2: Identification of the materials library. The compositions of the individual sample spots are summarized in Table 1.
- Figure 3: On the top of this Figure, there is shown the X-ray diffraction diagram of a conventionally prepared TS-1 zeolite as an example, and below, the identical X-ray scattering images are shown as obtained from the materials library at the stated spots from total amounts of substance in the μg range, proving that crystalline inorganic materials such as zeolites can be prepared and identified by the stated method.